

### Hanford prepares to close 26 waste tanks

**Department of Energy, CH2M HILL Hanford Group outline near-term plans for accelerated tank cleanup**

The Department of Energy's Office of River Protection and CH2M HILL Hanford Group are outlining new strategies to accelerate Hanford tank cleanup and closure. The new approach puts into action the results of DOE's Top-To-Bottom Review and the resulting *Performance Management Plan for Accelerated Cleanup of the Hanford Site*.

Energy Secretary Spencer Abraham laid out an aggressive plan in February to accelerate cleanup, shorten the overall schedule for completing the environmental management mission, and streamline so that funding will go to real cleanup.

The initiatives outlined include removing liquid waste from aging single-shell tanks, upgrading systems to deliver tank waste to the Waste Treatment (vitrification) Plant, closing up to 26 single-shell tanks within four years and removing, treating, and disposing of transuranic or low-level tank waste without vitrification.

#### Shaving 10 years

The approach was developed within the framework of the Tri-Party Agreement, the legal pact governing Hanford cleanup, and begins the process for achieving two key components of the site's accelerated cleanup plan: accelerated retrieval of tank wastes and closure of Hanford tanks 10 years earlier than planned.

"This is the next phase of our plans to accelerate tank waste cleanup," said John Swailes, ORP assistant manager for Tank Farms. "We will work within the Tri-Party Agreement and with our regulatory and stakeholder partners to achieve these goals."



**Completing the removal of the remaining pumpable liquids from Hanford's older single-shell tanks is one of four accelerated cleanup initiatives recently announced by the Office of River Protection and CH2M HILL Hanford Group. The initiatives also include cleaning up and closing single-shell tanks. Office of River Protection and CH2M HILL officials say close partnering with regulators and Hanford stakeholders will be the key to moving forward on the acceleration initiatives.**

*Continued on page 2.*

## Hanford prepares to close 26 waste tanks, cont.

“DOE has challenged CH2M HILL to change the way we do business and meet aggressive goals for accelerating tank waste cleanup in four key areas,” said Dale Allen, CH2M HILL Hanford Group senior vice president. “We will work with DOE and the EPA, the Washington State Department of Ecology, the Washington Department of Health and other stakeholders to meet that challenge and achieve those goals.”

### Four-part plan

Under the first element of the new initiatives, the removal of pumpable liquids from aging single-shell tanks will be completed. ORP and CH2M HILL recently achieved a major milestone by removing 2.5 million gallons of liquid waste from the tanks since pumping operations began in 1998. The remaining 550,000 gallons of retrievable liquid waste will be pumped from 16 tanks before 2004.

The second initiative includes upgrading systems to deliver waste to the Waste Treatment Plant and systems to transport, store and dispose of glassified containers of treated waste. Preparations to deliver waste include upgrading several of Hanford’s double-shell tank farms for transferring and “staging” the waste before delivery to the Waste Treatment Plant.

The third initiative includes closing 26 single-shell tanks in the next four years. CH2M HILL will remove waste and interim-close single-shell Tank C-106, the first Hanford tank identified for closure. The company will complete the retrieval of waste and closure of 25 additional high-risk and low-risk, low-volume single-shell tanks. Pending success with these 26 tanks, CH2M HILL will seek to close an additional 14 tanks to meet the goal of closing 40 tanks as outlined in Hanford’s accelerated cleanup plan.

The final initiative includes the retrieval and treatment of a million gallons of transuranic and low-level tank waste using non-vitrification techniques. Specifically, CH2M HILL will remove transuranic waste from double-shell tanks and treat and package the waste for eventual shipment to the Waste Isolation Pilot Plant facility in New Mexico. Removing the transuranic waste from the double-shell tanks will create needed space for moving waste from single-shell tanks, and provide a cost-effective alternative to immobilizing the waste in glass. Under this initiative CH2M HILL will also identify, retrieve and treat low-level or mixed low-level waste for disposal on or off the Hanford Site.

### Moving toward closure

“These new initiatives will enable us to retrieve waste from the tanks and close Hanford’s tanks earlier, reducing the risk to the nearby Columbia River, downriver communities and the Hanford workforce,” said Allen.

“We’ve really refocused the way we’re approaching work in the tank farms,” said Swailes. “We’ve moved away from simply maintaining an aging infrastructure and storing waste to preparing to get waste to the Waste Treatment Plant, moving waste to newer double-shell tanks and preparing to close Hanford tanks.” ■

# PNNL to use power produced by local wind farm

## Area residents might have similar option

In an effort to jumpstart the use of clean wind power in the region, the Department of Energy's Pacific Northwest National Laboratory will purchase and use 8.8 million kilowatt hours of power produced by the new Stateline Wind Power Project on the Washington-Oregon border between Pasco and Walla Walla. As a result of the agreement, Richland residents might also have the option of purchasing energy produced by the mammoth wind project.

The PNNL purchase, through the City of Richland, is for a one-year period that began Oct. 1, with an option to extend it. The purchase covers more than 10 percent of the energy PNNL needs to operate its research and office facilities in north Richland, and it means the national lab will be one of the federal government's leaders in the use of "green energy," with 13.7 percent of its energy coming from renewable resources.

"The President's National Energy Plan called for a balanced approach to solving this nation's energy challenges and emphasized the critical role of renewable energy and energy efficiency," said Raymond Orbach, director of DOE's Office of Science. The Office of Science oversees PNNL, and Orbach was in Richland recently to lead DOE's annual review of the laboratory.

"With [this purchase], PNNL is showing it supports the President's energy strategy and that it is a national leader in boosting renewable energy and energy efficiency," Orbach added. "At the same time, PNNL is promoting the growth and success of an up-and-coming Northwest industry and again is partnering with local and regional energy providers."

Richard Moorer, DOE deputy assistant secretary for technology development, energy efficiency and renewable energy, joined Orbach in making the announcement in Richland.

PNNL's large purchase paves the way for the City of Richland to launch a green energy program that includes a survey to evaluate the interest of electric customers in purchasing green energy for a small premium.

"The city is pleased to assist DOE and PNNL in the purchase and delivery of wind-generated energy," said Richland Mayor Bob Thompson. "Their participation is important in the development of this valuable alternative resource. Their involvement reflects a commitment to support ongoing efforts to make this environmentally friendly resource a competitive option in the region. Richland Energy Services is encouraged by their example and stands ready to work with other interested customers."

The PNNL move follows a similar one by DOE last spring. In April, Secretary of Energy Spencer Abraham announced the largest-ever purchase of electricity generated from renewable energy for DOE Headquarters



Windmills at the Stateline Wind Power Project near Wallula are turning Mid-Columbia breezes into electricity that is being used at Pacific Northwest National Laboratory. The project began producing power in July 2001 and is expected to have 400 turbines churning out electricity by later this decade.

*Continued on page 4.*

## **PNNL to use power produced by local wind farm, cont.**

facilities in Washington, D.C., and Germantown, Md., and challenged its other sites to take similar action. The DOE contract called for an annual purchase of 6 million kilowatt hours, roughly the amount of electricity needed to power 600 homes each year, and means about 17 percent of the electricity at DOE Headquarters is generated from renewable resources.

“At the time, DOE issued a challenge to its laboratories and other sites to step up and join them — even surpass them — in incorporating the use of green power in their facilities,” said PNNL director Lura Powell. “DOE’s goal is for each site to purchase 3 percent of its power from green sources by 2005 and 7.5 percent by 2010. With this move, PNNL easily will surpass those goals, making it a national leader in the use of green energy. It also will diversify the region’s electricity portfolio and stimulate a new energy economy in the region.”

FPL Energy, the energy development arm of Florida Power and Light Group, is the owner and developer of the Stateline project. PacifiCorp, a large electric utility based in Portland, is responsible for selling the wind-produced power and uses its lines to put the power on the Northwest energy grid operated by the Bonneville Power Administration. The City of Richland purchases its power from BPA.

The Stateline project straddles the Washington-Oregon border between Pasco and Walla Walla. Its first windmills began turning out power in July 2001. When complete later this decade, the wind farm’s 400 turbines will be able to generate about 270 megawatts of power at peak capacity, with an average yield of about 100 megawatts.

Green power supporters are hopeful the Stateline project and other wind farms under construction in the region will change the mix of electricity in the four-state Northwest region. According to BPA, wind power provides less than 1 percent of the Northwest’s electricity, while hydropower provides about two-thirds, coal plants 21 percent and natural gas 9 percent. ■

# Riverfront Trail now open

Todd Nelson, *Bechtel*

The final stretch of the Richland Riverfront Trail was dedicated late last month. The 3,000-foot segment completes the five-mile trail from Columbia Point Marina Park to Ferry Street, north of Leslie Groves Park. It also provides a link to the Sacagawea Heritage Trail.

Work on the project included planting 19 trees and laying 26,000 square feet of sod.

Bechtel was one of the City of Richland's partners on the project, along with the Tri-Cities Visitor and Convention Bureau, the Tri-Cities Rivershore Enhancement Council, Shilo Inns, the Washington Wildlife and Recreation Program and the Washington State Interagency Committee for Outdoor Recreation.

Completing the trail was one of three projects sponsored by Bechtel as part of the Rivershore Legacy Project for 2002. Employee and community volunteers removed 25 tons of trash from Bateman Island in April as part of a cleanup and restoration project. Volunteers are also helping restore the Chamna Nature Preserve along the Yakima River, a project that should be done next spring. ■



The City of Richland and its partners dedicated the final link in the Riverfront Trail in September. The 12-foot-wide, 3,000-foot-long section completes the bike and foot path between Columbia Point and Leslie Groves Park. Left to right are City of Richland Parks and Recreation director Wyn Birkenthal, Richland City Council member Carol Moser, Tri-Cities Visitor and Convention Bureau President and CEO Kris Watkins, Bechtel Hanford Riverfront Trail project manager Tom Lazarski, Bechtel Hanford President Mike Hughes, and Richland Parks and Recreation Commission member Terry Christensen.



# Safeguards focus of new HLAN anti-virus software

On Nov. 1, the Hanford Local Area Network will begin its transition to a new anti-virus software solution. Conversion to the Symantec anti-virus (SAV) software will be conducted automatically for each of the approximately 8,000 HLAN-connected PC workstations. This “managed migration” will be completed by Nov. 30.



HLAN users will be notified by general delivery e-mail announcing that the changes will take place. Beginning Oct. 28, users will be able to download and install SAV from Software Distribution. Additionally, users will receive a general delivery e-mail message notifying them that the software will be installed on their systems. A second general delivery e-mail message will be sent out in the middle of November as a reminder of the SAV transition. The SAV installation could take up to 10 minutes and will require a reboot of the computer.

During the past year, Fluor Hanford information security and Lockheed Martin researched anti-virus enterprise solutions and presented a recommendation to replace the current software with the Symantec anti-virus product. Symantec meets Hanford's complex needs and also brings to the plate an increased level of quality and manageability.

## Anti-virus conversion Schedule

### Automatic Updates:

Nov. 1 – November 30

**Or** users can download from  
Software Distribution  
starting Monday, Oct. 28.

Dave Fraley, Fluor Hanford chief information officer, said this product provides the continuing peace of mind our users expect. “Because our security systems are built around comprehensive protection strategies, it is important that we safeguard the HLAN critical points, be able to manage security more easily, and stay ahead of the next threat,” Fraley explained.

The anti-virus software will also be deployed on about 350 NT and e-mail servers during the month of November. Those with secure remote and virtual private network access will be given instructions and a CD to update home computers.

If you have any questions, call 376-1234 or go to the Web site <http://www.rl.gov/HUH>. ■

# Two PNNL scientists win prestigious ACS awards

The American Chemical Society has honored two scientists from the Department of Energy's Pacific Northwest National Laboratory with national awards.



**Dixon**

David Dixon, a Battelle Fellow, has received ACS's 2003 Award for Creative Work in Fluorine Chemistry. The award honors Dixon for "advancing the use of computational chemistry to bring unique understanding to the field of fluorine chemistry, especially chlorofluorocarbon, CFC replacements, organofluorine molecules and inorganic fluorides."

The formal presentation of Dixon's award will take place during the 16th Fluorine Winter Conference, Jan. 12 to 17 in St. Petersburg, Fla.



**Smith**

Richard D. Smith, chief scientist and a Battelle Fellow, has been awarded the 2003 ACS Award in Analytical Chemistry. Smith will receive his award at a ceremony on March 25 in conjunction with the

225th ACS national meeting in New Orleans, La.

Until his recent appointment as a Battelle Fellow, Dixon was the associate director for theory, modeling and simulation at the William R. Wiley Environmental Molecular Sciences Laboratory, a DOE scientific user facility located at PNNL. Dixon led one of the largest groups of computational chemists in the world — approximately 50 permanent staff members — and oversaw the Molecular Sciences Computing Facility in the EMSL. He is especially known for his work in computational chemistry with specific emphasis on predicting the thermochemistry and rates of chemical reactions with a focus on solving complex environmental problems.

Dixon played a vital role in the calculation of the accurate thermochemical and kinetic properties of CFC alternatives. These new compounds are key to minimizing the destruction of the stratospheric ozone layer while maintaining a better quality of life.

Dixon introduced the use of reliable computational approaches to study compounds containing fluorine almost 20 years ago. At the time, it was thought that computational approaches could not predict the properties of fluorinated compounds. Dixon also has been a leader in the supercomputing revolution, demonstrating the capabilities of these unique resources to address the most challenging scientific and engineering issues.

Dixon earned a bachelor of science degree in chemistry from the California Institute of Technology in 1971 and a doctorate in chemistry from Harvard University in 1976. He joined PNNL in 1995. He has published more than 375 papers on a wide range of topics with a focus on computational science and is on the Institute for Scientific Information's list of most cited chemists.

He is a fellow of the American Association for the Advancement of Science and the American Physical Society, and an adjunct professor in chemistry at the University of Utah. Dixon's awards include the 1989 Leo Hendrik Baekeland Award of the American Chemical Society, given for outstanding accomplishment to a chemist under the age of 40.

*Continued on page 8.*

## Two PNNL scientists win prestigious ACS awards , cont.

Smith has been with PNNL since 1976. His accomplishments include developments that involve the integration of work in two analytical disciplines —separation science and mass spectrometry. Smith's leading role in the applications of these combined techniques to modern bioanalytical problems and biological systems characterization has led to numerous advances in analytical chemistry, and most recently to major new capabilities for large-scale protein studies.

Smith's research has included the development of capillary electrophoresis in combination with mass spectrometry. His current research emphasis involves the development and application of new methods for quantitatively probing the entire array of proteins expressed by a cell, tissue or organism, otherwise known as its "proteome." This research has particular significance for the new area of systems biology, in which scientists are seeking to understand at the molecular level how biological organisms operate and function, and to use this information in many ways, such as for the development of new drugs.

Smith earned a bachelor of science degree in chemistry from the University of Massachusetts at Lowell in 1971 and a doctorate in physical chemistry from the University of Utah in 1975. He is the author or co-author of more than 470 publications, holds 16 patents and is on the Institute for Scientific Information's list of most cited chemists. He is an adjunct faculty member in the Department of Chemistry at Washington State University and an affiliate faculty member in the Department of Chemistry at the University of Idaho. He has presented more than 250 invited or plenary lectures at national and international scientific meetings.

Smith's other awards include: Battelle Inventor of the Year Award in 2000; six R&D 100 Awards; the Chet Cooper Mentor of the Year Award, 2000; DOE Energy 100 Award; Battelle-Northwest Director's Award for Excellence, 1989; American Oil Chemists Society Award, 1984; and the R.A. Glenn-Bituminous Coal Research Award, 1978. ■



## Picture Pages



**WALKING FOR HEALTHY HEARTS:** Fluor Hanford President and 2002 Heart Walk Chairman Keith Thomson gives a “survivor red cap” to Annie Beardsley, granddaughter of Betty Beardsley of Fluor Federal Services, in front of more than 850 walkers at the kick-off of the 10th annual American Heart Association Heart Walk. Red caps are worn by walkers who are survivors of heart disease. Annie, the 2002 Heart Walk poster child, survived open-heart surgery when she was just a year-and-a-half old.

**MUSIC ON THE MOVE:** Employees of the Kiona-Benton School District load a piano destined for students in Benton City schools. It was one of 40 instruments donated last year as part of the Community Instrument Drive, a partnership of the Mid-Columbia Symphony and Fluor Hanford. With record numbers of students enrolled in music programs, the seven Mid-Columbia school districts need more instruments. To donate, bring your musical instruments to the Mid-Columbia Symphony office at 716 Jadwin in Richland to be repaired and reconditioned.



**SAFETY PAYS:** Bechtel Hanford President Mike Hughes presents \$25 Columbia Center Mall gift certificates to the three winners of the Bechtel Hanford safety drawing contest. They are, left to right, Philip Vukelich, son of Steve Vukelich; Jessica MacFarlan, daughter of Gary MacFarlan; and Logan Howell, son of Andy Howard. Their drawings will be submitted for possible use in the 2003 Bechtel worldwide safety calendar. The contest was open to the children of all Bechtel employees in the 67 countries where it does business.

## Picture Pages



**HONORED BY MR. MAGOO:** Comic-strip character Mr. Magoo, symbol of Fluor Hanford's Close Calls Program, congratulates Diane Call (left), Clint Donley and Cheryl Stroup at a safety meeting Oct. 16. The three had submitted their "close-call" experiences to the program and won gift certificates in a random drawing. The safety program is designed to prevent accidents by taking lessons from the ones that *almost* happened. You can submit your close call using a form available on the FH Occupational Safety and Health Hanford Intranet Web site at <http://apweb02.rl.gov/phmc/OSH/>. But some entries have been submitted anonymously, making them ineligible for the drawing, so you're urged to include your name, phone number and mailstop.

### RAISING FUNDS FOR BEREAVED

**FAMILY:** Jim Badden, left, and Pete Gomez pose next to the mountain bike Badden purchased at a feed, raffle and auction coordinated by CH2M HILL Hanford Group employees of the 200 East tank farms to raise money for the Jack Manis family. Manis, a nuclear chemical operator and chief steward in the tank farms, passed away on Sept. 15 after suffering a stroke. He was 43. Sharon Manis would like to send many heartfelt thanks to the employees at 200 East, 200 West, CPO, Saltwells, LEF, 225-B and others for their contributions.



## Fire Prevention Month continues

# Use portable electric heaters safely in your home, workplace

As we move further into fall and our days and nights are cooler, portable electric heaters are showing up in workplaces and being dragged out of their storage places at home. These supplemental heaters do provide much needed warmth in small areas, but in order to prevent injury and reduce the potential for fires, be sure to follow these safety rules.

- Use only heaters that are approved and listed by a nationally recognized testing agency, such as Underwriters Laboratories — look for tags that identify the equipment as “U.L. listed.”
- Portable electric heaters must be equipped with either a guard over the heating element or tip-over protection that automatically switches off the unit if it is tipped from its upright position.
- Non-portable electric heaters must be on a stable base or securely mounted. The manufacturer’s recommended clearance from combustible materials must be maintained.
- All heaters must be installed and maintained according to the manufacturer’s recommendations.
- If using portable heaters at work, make sure they are switched off at the end of the workday, unless arrangements have been made for someone to monitor the heater. If you are using portable heaters at home, make sure they are not left on and unattended.
- Radiant-type heaters must have a minimum of 36 inches clearance between the heater and any combustible materials. Pay particular attention to combustible materials that can be pushed or blown against the heater, such as clothing or paper products.
- When using portable electric heaters, make sure that electrical circuits are not overloaded, increasing the potential for an electrical fire or causing a circuit breaker to trip.

Other recommendations for electrical safety include:

- Follow the manufacturer’s instructions for plugging an appliance into a receptacle outlet (most receptacle outlets contain two receptacles). As an added precaution, avoid plugging more than one high-wattage appliance into a single receptacle.
- In homes with small children, receptacle outlets should have plastic safety covers.



“Team Up for Fire Safety” is a trademark of NFPA. All rights reserved.



## Use portable electric heaters safely in your home, workplace, cont.

- To reduce the risk of electrical shock, install ground-fault circuit-interrupters, or GFCIs. These devices shut off faulty electrical circuits and equipment more quickly than conventional fuses or circuit breakers. GFCIs are inexpensive and can be hard-wired into your home's electrical system by a professional electrician.
- Unwanted electrical arcing, often occurring in damaged wires or cords, can generate high temperatures and cause a fire. Arc-fault circuit-interrupters, or AFCIs, protect against fire by continuously monitoring the electrical current in a circuit and will shut off a circuit when an unwanted arcing fault is detected. The National Electrical Code® requires AFCIs in bedrooms of new residential construction.

Hanford employees should be aware that some buildings have restrictions on the use of portable electric heaters. Check with your building administrator to find out what the policy on portable heaters is at your workplace. In workplaces where portable heaters are allowed, now is a good time to check with your company's fire-protection engineer to make sure the heater is U.L. listed and properly placed, and with an electrician to make sure the circuit is strong enough to support the heater. ■



**Calling the fire department in 1950s-era Richland meant finding the fire pole in your neighborhood. In this 1957 photo, courtesy of Fluor Hanford's Don Sorenson, Jay Ledingham is instructing his children, Mike, Susan and Kathy, on the use of the fire-alarm pull box on Wright Avenue between Tinkle and Torbett Streets. Ledingham retired in 1985 as an instrument tech after more than 39 years at Hanford. "We made everything," Ledingham said. "Engineers would give us the details of what they needed and we built it." As important today as in 1957, parents should teach their children how to call for help. Today that means dialing 9-1-1.**

# 222-S, FFTF ALARA poster winners announced

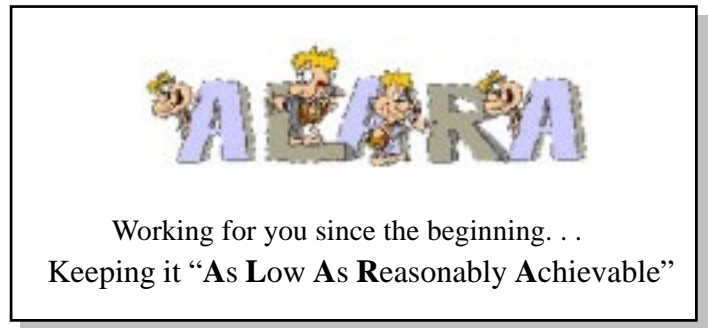
In an effort to increase safety awareness and awareness of the principles involved with ALARA (As Low as Reasonably Achievable), Fluor Hanford's 222-S Laboratory and the Fast Flux Test Facility participated in a recent poster contest. The 222-S Laboratory challenged FFTF to the "Great ALARA Poster Challenge." It began in early September and the winners were announced Oct. 7.

"The contest was designed to increase the ALARA awareness in both facilities," said Owen Berglund, 222-S ALARA chairman. "The contest appeared to be very beneficial, and it was evident by the quality of the posters that the employees of both the 222-S Laboratory and FFTF understand the concept of ALARA."

The posters were judged by the site ALARA Council and the winners were announced at the October meeting.

"This contest was a great opportunity for the facility to take a moment, focus on ALARA, and have a little fun in the process," said Steve Hathaway, FFTF ALARA chairman. "It showed that ALARA is on the minds of the people and we have some very creative individuals at FFTF. I'm glad I wasn't one of the judges because all the posters were very well done and very ingenious."

With more than 20 posters submitted, the judging was close. The grand prize for the best poster was awarded to Lynn Spicer of 222-S Laboratory. Award-winning posters were submitted by Cheryl Anderson and Craig Smith of FFTF, and Dane Butler and Nancy Kirner of the 222-S Laboratory. ■



**The grand prize winning poster idea**



# DOE's radiation research Web site hosted at WSU Tri-Cities

Tony Brooks, a Washington State University Tri-Cities scientist, has received a grant of nearly \$400,000 to serve as host of the Department of Energy's Low Dose Radiation Research Information Internet site. The Web site is now up and operational at <http://lowdose.tricity.wsu.edu>.

Brooks is responsible for the scientific content of the site and the DOE grant supplements his ongoing research project, Optimizing the Scientific, Regulatory and Societal Impact of the DOE Low Dose Research Program.

"This Web site is a place where scientists, researchers and the public will find the latest information on low dose radiation," Brooks said. "With the great design of people here at WSU Tri-Cities, we've made it easy to navigate, intuitive and quite comprehensive."



The continuously updated site includes background on the DOE program, sections on research projects and information resources, and a "What's New" section. It also links to dozens of other informational sources and related sites.

The site is designed to provide scientifically accurate information on the health effects of exposure to low levels of radiation. Its purpose is to serve both researchers and the general public.

The Oak Ridge National Laboratory in Tennessee formerly managed the Low Dose Radiation site. ■

# Do you know the proper way to store bottled water? It matters.

Many people don't know that water *should not* be stored in direct sunlight, which may trigger algae growth within three days. Outside storage can also affect the sanitation of the bottles because they're exposed to dirt, dust, germs and rainwater.

Sunlight also has a devastating effect on the plastic bottles. It will cause a plastic bottle to become prematurely brittle and subject to breakage earlier than if stored inside.

There is no established expiration for properly bottled water, but the Hanford vendor's suggestion is about 30 days. Although that period can be extended if the bottle is stored in a cool, dark room away from direct sunlight, it's a good practice to avoid stockpiling bottled water beyond a 30-day supply.

Empty bottles stored without lids can attract spiders that build webs inside them. Spider webs and trapped bugs are almost impossible to see or remove from the inside of a water bottle during the cleaning and sanitizing process.

Users of bottled water should evaluate their storage practices to ensure that the water remains clear and drinkable. Some facilities are reportedly storing bottled water outside or have inventories that are several months old.



**Fluor Hanford storekeeper Mike Hogan helps deliver bottled water to Hanford Site customers.**

If you order bottled water for use at your facility here are some simple recommendations:

- If there is no date on the bottles, be sure to mark the delivery date on the cap. Water is usually delivered the day after it has been bottled, so this is an accurate method of tracking it.
- If your water is delivered to an outside dock, check the dock daily if you're expecting an order and move the bottles inside as soon as possible.
- Avoid handling the lids when bottles are moved around. If a lid should accidentally come off of a full bottle during delivery or storage, dispose of the water to avoid the possibility of drinking contaminated water.
- "First in, first out" is the best rule for bottled water. Use the older bottles first.
- Adjust your order so that you have no more than a 30-day supply on hand.

If the vendor has filled your order for bottled water and the driver is delivering the water to your location, that order *cannot* be rejected or returned because it's considered a consumable product. This is written into the contract with the Hanford supplier and is non-negotiable.

If you are a Fluor Hanford employee and have any questions regarding safety and health issues, contact the company's Environment, Safety, Health and Quality Assurance organization at 373-1289. If you have questions about the water contract, call Kathy Hinkelman at 376-7631 or Jean Oversby at 376-5880. ■

# Keep your kids safe on Halloween

Deb Severin, *Fluor Hanford*

Who needs Halloween anyway? It's just an excuse for big kids to get in trouble and little kids to eat too much candy. Or so I thought.

Actually, Halloween plays an important function in our children's lives. They've been taught not to trust or talk to strangers, but on Halloween that prohibition is lifted. Fearful children ring doorbells and find their neighbors of various generations to be very friendly.

It's a way for children to gain confidence in themselves and in their neighborhood. So the true value and importance of Halloween comes from reaffirming the social bond with our neighbors. But we need to do it safely.

## Safety tips

Here are some safety tips to help keep your family holiday fun:

### Costumes

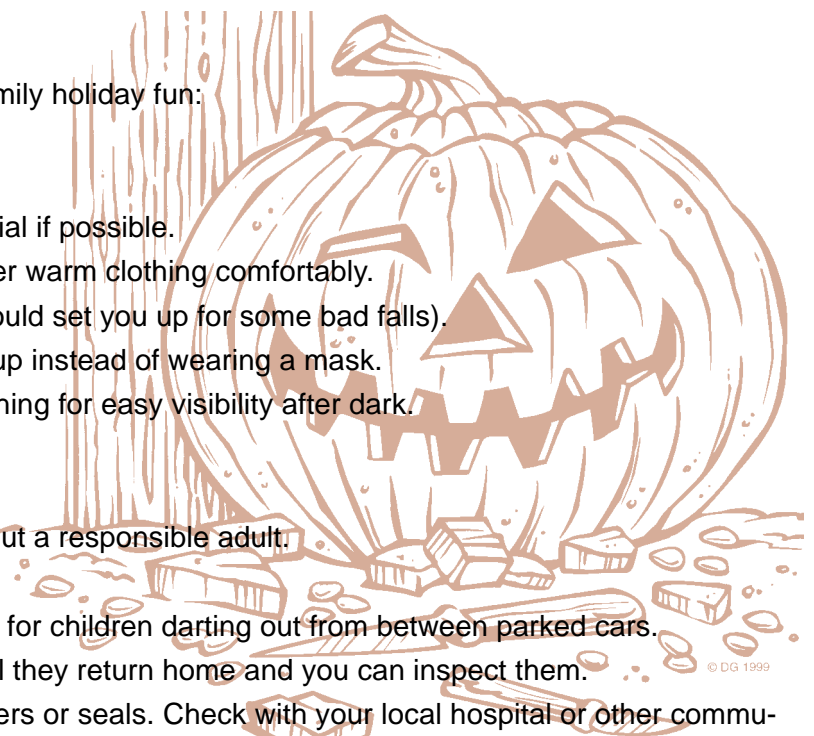
- Wear costumes made of flame-retardant material if possible.
- Make sure the costume is large enough to cover warm clothing comfortably.
- Wear comfortable walking shoes (high heels could set you up for some bad falls).
- To improve visibility, paint your face with makeup instead of wearing a mask.
- Put reflective tape on Halloween bags and clothing for easy visibility after dark.

### When going out

- Don't allow children to go trick-or-treating without a responsible adult.
- Trick-or-treat only in familiar neighborhoods
- Drive slowly through neighborhoods and watch for children darting out from between parked cars.
- Instruct children to wait to taste their treats until they return home and you can inspect them.
- Throw away candy with loose or broken wrappers or seals. Check with your local hospital or other community service group to see if they offer free X-ray screening of Halloween candy.
- Wash all fruit and cut into small pieces before eating it.

### What you can do at home

- Keep your porch and yard clear of debris.
- Turn on outdoor lights.
- Keep your pets and infants away from the front door.
- If you use candles in your jack-o-lanterns, keep them away from items that could catch on fire. ■



## Keep your kids safe on Halloween, cont.

### FREE Halloween safety goodies . . . (and how to get them)

In keeping with the commitment to safety as a 24-hour job and a value to share with your family, Fluor Hanford is offering a safety gift to its employees and children for this holiday season. To receive your head bopper, flashlight and reflective Halloween bags, phone or e-mail the contact person for your work location:

700, 300, RCHC and RCHN Areas	Deb Severin	372-3353
400 Area	Suzette Thompson	372-0958
200 West Area	Shelia Kirk	373-4404
CH2M HILL Hanford Group	Linda Chapman	373-9585
Plutonium Finishing Plant	Dena Bultena	373-5239
100K Area	Kim Rodrigue	373-0695

Please try to have one person pick up the gifts for your entire group. They are free as long as they last. Have fun and be safe!

## a word about . . . Halloween costumes on site

You may be planning to wear a Halloween costume to work. Because of the current security condition, however, certain precautions must be taken. The following rules will apply to Halloween costumes throughout the Hanford Site:

- Do not wear a mask, face paint or other facial alteration that would hinder comparison with your badge picture.
- Security badges must be worn at all times, in full view, above the waist and on the outermost layer of clothing in areas where security badges are required.
- Do not wear or carry items that simulate a real or imitation weapon, such as plastic swords, knives or pistols.

Managers should ensure that Halloween celebrations in their organizations are conducted safely and in accordance with these guidelines. If you have any questions or concerns, contact Chet Braswell at 376-1820. ■



# Influenza – know the facts and protect yourself

Judi Staley, RN

Hanford Environmental Foundation

Getting influenza, also known as the flu, is no fun! Yet many people avoid a flu shot, the most effective defense against the influenza virus. Knowing what is fact and what is myth will help in deciding if a flu shot is right for you. The Centers for Disease Control offers the following information regarding some misconceptions regarding influenza and the flu vaccine.

## ***The flu is just like a bad cold.***

**False.** Influenza is far more dangerous than a bad cold. It's a disease of the lungs, and it can lead to pneumonia. Each year about 114,000 people in the United States are hospitalized, and about 20,000 people die because of the flu. Most who die are over 65 years old. Small children less than 2 years old are as likely as those over 65 to be hospitalized because of the flu.

## ***The shot can give you the flu.***

**False.** Flu vaccines are made from killed influenza viruses. These cannot give you the flu.

## ***Even if I get a flu shot, I can still get the flu.***

**Maybe.** This can happen, but the flu shot usually protects most people from the flu. However, the flu shot will not protect you from other viruses that can cause illnesses that sometimes feel like the flu.

## ***The vaccine isn't 100-percent effective, so I'm better off getting the flu.***

**False.** No vaccine is 100-percent effective. However, if you get a flu shot and still get the flu, you are likely to

*Continued on page 19.*

<b>2002 Flu Immunization Schedule</b>			
<b>Area</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>
<b>200E</b>	Oct. 28 Nov. 14	9 a.m.-2 p.m.	2101-M, Cosmos/Bijou Room
<b>200W</b>	Oct. 29 Nov. 20	9 a.m.-2 p.m. 2 p.m.-6 p.m.	MO-287, Conference Room A-111 2719-WB, HEHF Health Care Center
<b>Battelle</b>	Oct. 30 Nov. 11	9 a.m.-2:30 p.m. 9 a.m.-2 p.m.	Battelle Auditorium
<b>100N</b>	Oct. 31	9 a.m.-2 p.m.	1103N, Conference Room C4
<b>100K</b>	Nov. 4	9 a.m.-2 p.m.	MO-500, Conference Room West
<b>300 Area</b>	Nov. 5	9 a.m.-2 p.m.	3763, Conference Room
<b>Federal Building</b>	Nov. 6	9 a.m.-2 p.m.	825 Jadwin, Auditorium
<b>400 Area</b>	Nov. 7	9 a.m.-1 p.m.	4706, Conference Room 302
<b>Bechtel</b>	Nov. 12	9 a.m.-1 p.m.	3350 G.W. Way, Assembly Room
<b>Stevens Center</b>	Nov. 13	9 a.m.-2 p.m.	2440 Stevens Center, Conference Room



## Influenza – know the facts and protect yourself, cont.

be far less sick than you would have been without the protection.

### ***The side effects are worse than the flu.***

**False.** The worst side effect you're likely to get is a sore arm. The risk of a rare allergic reaction is far less than the risk of severe complications from influenza.

### ***Not everyone can take a flu shot.***

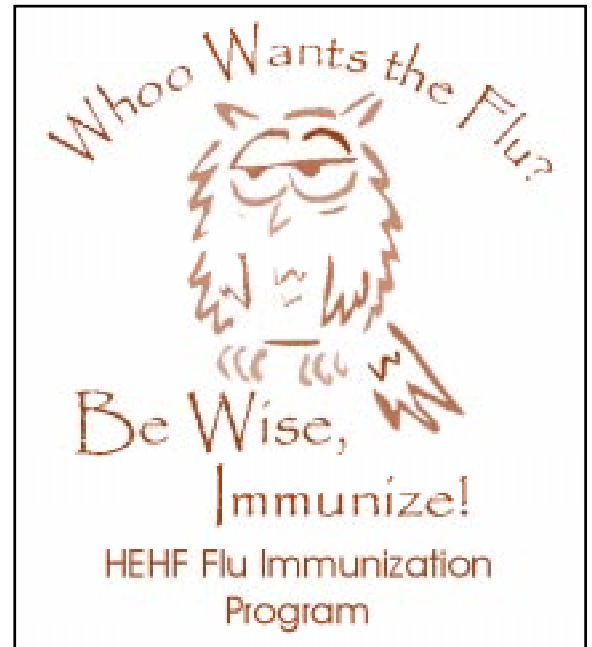
**True.** If you are allergic to eggs (used in making the vaccine); are very ill with a high fever; or have had a severe reaction to the flu vaccine in the past, you might not be able to get this protection.

### ***Only the very old and sick need a flu shot.***

**False.** Both adults and children who are in good health need a flu shot to stay healthy. Even if you aren't at high risk of complications, you should get a flu shot to prevent the flu and to protect everyone you live with and contact.

### ***December is too late to get a flu shot.***

**False.** The flu shot can be given before or during the flu season. While the best time to get a flu shot is October or November, a flu shot in December or later will still protect you against the flu.



For further information about the HEHF Flu Immunization Program, contact the HEHF Flu Hotline at 376-2507. For a safety meeting presentation on "Self Care for Flu and Colds," contact HEHF Health Education Services at 373-3729. More flu information is available at the Centers for Disease Control Web site, <http://www.cdc.gov/nip/flu/>.

For information regarding flu immunization programs in your community, call the Benton-Franklin Health Department at 943-2614, Ext. 268, or the Yakima County Health District at (509) 575-4040. ■

# Voice of Democracy Essay Contest

*The DOE Veterans Advisory Committee and the Hanford safeguards and security organizations have once again teamed with the Hanford Community Diversity Council, the Veterans of Foreign Wars posts and the VFW ladies auxiliaries to establish a Hanford category in the Voice of Democracy essay contest specifically for children or other relatives of Hanford employees. They can win prizes in the Hanford category as well as district, state, and national categories of the VFW contest.*

## 7th and 8th grades

- Theme "My Pledge to America"
- Length: All entries should be written in English and cannot be less than 300 words nor more than 400 words. Every word or number is counted regardless of length.
- Contestants may not identify themselves, their schools, their cities or states in the essays.

## 9th through 12th grades

- Theme: "Freedom's Obligation"
- Length: All essays should be delivered as oral presentations of at least 3 minutes in length, but not more than 5 minutes in length, recorded on good quality cassettes.
- Contestants may not identify themselves, their schools, their cities, their states in their essays.

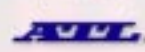
## Deadline for both groups: October 31, 2002

The Hanford contest will award first, second and third prizes in each age group. Entries can be mailed to Jim Spracklen at A7-50 or Guy Schein at A7-75. They can also be dropped off at the Federal Building to either Spracklen in room 700E or Schein in room 760.

## Entry forms are available on the VFW web site

[www.vfw.org/yourtown/index.htm](http://www.vfw.org/yourtown/index.htm) or contact Jim Spracklen or Guy Schein.

Sponsored by:



007-0001

# PNNL staffers, Girl Scouts dig through the past

Pacific Northwest National Laboratory staff members teamed with Terri Miley of the Girl Scouts Mid-Columbia Council to help 30 Girl Scouts earn the Cadette/Senior Interest Project badge called "Digging Through the Past." Part of the project was a one-day workshop on Oct. 19 at the Volpentest HAMMER Training and Education Center that used the unique attributes of the Native American Cultural Site and Cultural Test Bed.

The girls participated in hands-on demonstrations with artifacts left behind by ancient inhabitants. They learned what the artifacts reveal about the cultures that lived here, and what the sites and artifacts mean to the descendants, to scientists and to our community. The workshop also emphasized problems caused by looting of sites, the laws that make looting illegal, and the efforts that Girl Scouts can take to help combat looting.

PNNL staff members Amoret Bunn, the Team Battelle project director; Tara Eschbach, Laurie Hale, Ellen Prendergast and Darby Stapp of the Hanford Cultural Resources Laboratory; and Georganne O'Connor, editor of the *Cultural Resource Review* and members of the Confederated Tribes of the Umatilla Indian Reservation helped conduct the workshop.



Above: the badge the Girl Scouts could earn

# Painless Punctuation Session offered on Oct. 31

Do you struggle with proper punctuation? Does your writing suffer from an acute case of comma-itis? Does apostrophe use confuse you? Are your e-mails, memos and letters a hodgepodge of sentence fragments and comma splices? Don't despair! Help is on the way!

Reserve your seat now for Painless Punctuation, a free information session on Thursday, Oct. 31, from 7:30 to 11:30 a.m. It will be held in room 31 of the administration building at the Volpentest HAMMER Training and Education Center. There is no charge for this session, but space is extremely limited, so make a reservation immediately by calling Kathy Dechter at 376-3250.

Columbia Basin College faculty from the Skills Enhancement Lab will present the session. A partnership among the Department of Energy, CBC and HAMMER, the Skills Lab helps Hanford workers improve their reading, writing, grammar, math and spelling skills. It is open for individual tutoring Tuesday and Thursday afternoons inside the Learning Resource Center (room 4) at HAMMER. After the punctuation session on Oct. 31, the staff will host an informal open house for those interested in learning more about lab services.

Another helpful service, available at no charge to you through the Skills Lab, is an assessment of your basic reading, math, writing and grammar skills. You can sign up for a short standardized survey of adult basic skills, then schedule a follow-up private conference with the Skills Lab staff to discuss your results and learn how to boost your skills — either by using the Skills Lab or on your own. All information is kept confidential, but you must make an appointment for this service in advance by calling 376-3250.

Two other information sessions coming up are Goof-Proofing your Grammar, to be held Tuesday, Nov. 19, from 7:30 to 11:30 a.m. and Successful Spelling on Thursday, Dec. 12, from 7:30 to 11:30 a.m. To inquire about these or to sign up for the Painless Punctuation Session on Oct. 31, call Kathy Dechter at 376-3250. ■

# Take the Security Ed Challenge on access authorization



A security clearance (known in the DOE as an Access Authorization) may be approved when a person requires access to special nuclear material or classified matter, or routine access to security areas that contain these materials.

Take Security Ed's Challenge: access to which of the following does not require a "Q" or "L" clearance. (Hint: DOE Order 472.1B, "Personnel Security Activities")

- A. Special Nuclear Material Category IV
- B. Secret National Security Information
- C. Special Nuclear Material Category I
- D. Secret Restricted Data

Do you know the answer? Circle the correct answer and then clip this article, add your HID number, and send to Yolanda Sanchez at L4- 09, or send her an e-mail and in the subject line include "Ed's Security Clearance Challenge" and your answer. Prizes will be awarded to randomly drawn correct entries. The names of prizewinners and the correct answer will appear in a future *Hanford Reach* article soon.

Submitted By \_\_\_\_\_ Hanford ID No. \_\_\_\_\_

Mailstop \_\_\_\_\_

**Congratulations to Gracie Wilson of Fluor Hanford, the winner of the Oct. 7 Security Ed Challenge. Wilson correctly answered that you should change your passwords for access to computer applications at least every 6 months. Wilson will receive a stainless steel vacuum bottle for her effort.**





# Regular Features



## LETTERS

Employees are invited to write letters of general interest on work-related topics. Anonymous letters will not be printed. We reserve the right to edit letters or not to accept letters for publication. Send your letters to the *Reach*, B3-30, or to \*Hanford Reach on e-mail. Letters are limited to 300 words, and must include your name, company, work group and location. Opinions expressed are those of the author and not of DOE-RL, ORP or their contractors.

## Thank you

We, the family of Stacie Marie Johnson, would like to thank you for your support, prayers and generosity during our loss.

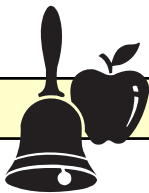
We were truly blessed with the time we each had with Stacie in our lives. We, who were touched by her presence, will feel the void left with her departure to God's arms.

A special thank-you to her friends and co-workers at Pacific Northwest National Laboratory and our many friends at Flour Federal Services, Hanford Environmental Health Foundation, Lamb-Weston, Kaiser Aluminum, West Coast Hotels and Caris-Sell Homes.

To all of Stacie's family and friends, your support and outpouring of love has touched us more than words can express.

*Jeremy, Sammy and Emily Johnson; Bill, Kathy and Keri Johnson; Rose and Russ Smitch; and Blaine, Wanda and Kristy Johnson.*

## CLASSES



### Technical document workshop offered Oct. 29-30

The class, Constructing the Technical Document: Essential Strategies and Skills, will be offered Oct. 29-30 from 8 a.m. to 4:30 p.m. in the Snoqualmie Room of the NSB on the Pacific Northwest National Laboratory campus. The class will focus on techniques to share research, address the audience of the document, and fine-tune writing skills. Register early. Space is limited. For information, visit <http://workshops.pnl.gov> or contact Mary Wagner at [mary.wagner@pnl.gov](mailto:mary.wagner@pnl.gov) or at 372-4259. To register, contact Cory Rhoads at [cory.rhoads@pnl.gov](mailto:cory.rhoads@pnl.gov) or at 376-7157.

### PROTRAIN offers the following software classes:

- **Network Security Administration 5-Day Course** — Nov. 4-8

- **Primavera Project Management**

- 601 Planning & Scheduling w/ P-3 — Oct. 28-30
- 602 Resources & Cost Analysis — Nov. 18
- 603 Managing Project Data — Nov. 19
- 604 Creating Reports & Graphics — Nov. 20

- **Microsoft Project 2000** (\$199 per day)

- MS Project Level 1 — Nov. 18
- MS Project Level 2 — Nov. 19

- **Crystal Reports 8** (\$225 per day)

- Introduction — Nov. 14, Dec. 16
- Advanced — Nov. 15, Dec. 17.

For more information or to register, call 375-0414.

### MicroShield classes at HAMMER Nov. 6 and 7

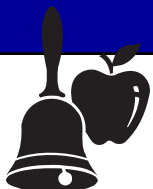
Project Enhancement Corporation will conduct advanced courses for users of MicroShield at the Volpentest HAMMER Training and Education Center Nov. 6 and 7. MicroShield software is used for analysis involving gamma and X-ray radiation. It applies to problems involving shielding design, waste calculations, decontamination effectiveness, source inference, ALARA decisions and other situations where exposure of personnel or equipment is to be analyzed. The cost is \$950. Contact Yvonne Miller at (301) 668 -7177 or at [ymiller@pec1.net](mailto:ymiller@pec1.net) to register.

### Learn to deliver effective speeches Nov. 19-20

If you want to equip yourself with the skills to simultaneously be in command of yourself, in touch with your audience, on top of your material and in sync with your visual and verbal aids, you are invited to attend "Say what? How to Deliver Effective Speeches and Presentations," presented by Pam Novak, Cheryl Spears and Mary Frances Lembo. This two-day course will be offered Nov. 19-20 in the Snoqualmie Room of NSB on the Pacific Northwest National Laboratory campus. Register early; class size is limited to 20 participants. The cost is

*Features continued on next page.*

## Regular Features



### CLASSES continued

\$425. For more information and future course dates, visit <http://workshops.pnl.gov/> or contact Mary Wagner at [mary.wagner@pnl.gov](mailto:mary.wagner@pnl.gov) or at 372-4259. To register, contact Cory Rhoads at [cory.rhoads@pnl.gov](mailto:cory.rhoads@pnl.gov) or at 376-7157. ♦



### NEWSBRIEFS

#### **Welch approved for PTB transfer**

Tom Welch, a nuclear chemical operator assigned to the Spent Nuclear Fuel Project, is approved to receive Personal Time Bank (PTB) transferred hours. Welch is spending time at home to care for his wife, Kayla Welch, a material coordinator for the SNF Project, who is away from work with a serious personal illness.

Any Fluor Project Hanford team employee who would like to transfer PTB hours can do so by completing a PTB/Vacation Transfer Request form (Site Form A-6002-807) and sending it to Mike Dickinson, Fluor Hanford Industrial Relations, at S2-43. Time must be transferred in one-hour increments. ♦

### CALENDAR



#### **Donate blood Oct. 29 or Nov. 1**

Hanford employees will have two chances to participate in Red Cross blood drawings in the next two weeks.

- Oct. 29, Lockheed Martin Information Technology at 2261 Stevens, 9 a.m. to 3 p.m. The blood mobile will be parked outside the building. Call Kelly Layfield at 376-6785 for an appointment.
- Nov. 1, 3763 Building of the 300 Area, 8:30 a.m.-1:30 p.m. Call Diane Coleman at 376-9170 for an appointment.

#### **ALARA Workshop scheduled for October**

The fourth annual Hanford ALARA Workshop will be held Oct. 21-23 in the Richland Red Lion Hotel. The workshop focuses on education and information exchange in the area of applied ALARA. All interested parties are invited to attend.

The workshop features presentations from subject-matter experts in the design of ALARA [as low as reasonably achievable] programs, development of ALARA techniques and technologies and the field-implementation of ALARA. Discussions are planned in formats such as subject-matter-expert presentations and facilitated working groups. A list of presentations and workshops is available at: <http://www.hanford.gov/alara/pdf/papers.pdf>.

For more information, including registration forms, consult the workshop Web site (<http://www.hanford.gov/alara/workshop.cfm>), or get in touch with the following contacts: for registration, Pat Barajas at 376-0560 or at [Patricia\\_S\\_Barajas@rl.gov](mailto:Patricia_S_Barajas@rl.gov); and for general information, Derek Thornton at 376-3318 or at [Derek\\_Thornton@rl.gov](mailto:Derek_Thornton@rl.gov).

#### **FCIT volunteers needed for United Way event**

Fluor Community Involvement Team volunteers will be participating in the Volunteer Center and United Way Make-A-Difference Day on Oct. 25.

The team will tackle cleanup, painting and landscaping projects at the United Way and the ARC of Tri-Cities facilities. The projects at United Way will include pruning of trees and shrubs, pulling weeds and cleaning up debris in the parking lots (bring shears, gloves, wheelbarrows, etc.), and washing windows (bring squeegees).

At the ARC of Tri-Cities, volunteers will clean up the exterior of the building, prune trees and shrubs, pull weeds, clean up debris in the parking lot, replace building siding, paint two areas of the building and work a few other projects.

Volunteers from Fluor and other companies in the community will be treated to a 7 a.m. breakfast at the United Way building, 401 N. Young in Kennewick. A Fluor Human Resources-led group will be serving breakfast for the community volunteers. After breakfast, volunteers will head off to their projects that are expected to last from two and four hours.

Fluor volunteers interested in helping with the 2002 Make-A-Difference Day should RSVP via e-mail to ^Community Programs or contact Lynn Tegeler at 376-4625 or Cheryl Smith at 376-6786. For questions on specific projects, contact Calvin Dudney at

*Features continued on next page.*



## Regular Features

### CALENDAR continued

373-6267. "Walk-in" volunteers are welcome, but it'll be easier to plan for breakfast and work crews if you call ahead.

#### **Halloween Party to benefit Hanford worker's son**

The Radiological Control Organization of the Plutonium Finishing Plant will hold a Halloween party at 7 p.m. on Friday, Oct. 25, in the Red Lion Hotel in Richland to benefit Russell Rust, son of Buddy Rust. Russell will undergo surgery in Seattle to remove a brain tumor. The proceeds of the party will allow Rust to spend time away from work to be with his son during his recovery. The party will feature live dance music by Rockbottom, prizes for best costume, door prizes and a no-host bar. Costumes are optional. Tickets are \$10 and are available to those 21 and older by calling the PFP Radiation Control office at 373-2564.

#### **Bingo Night fund-raiser for United Way**

Protection Technology Hanford is sponsoring a bingo night and barbecue on Nov. 7 beginning at 5 p.m. at the Richland Shilo Inn. Tickets are \$20 and include a barbecue dinner and two bingo cards. Prizes include river cruises, hotel and golf packages, a white-water rafting trip and restaurant certificates. Al Bowser, general manager of PTH, challenged his employees to raise \$3,000 for the United Way in addition to payroll deductions, by Nov. 7. If they succeed, he will have his head shaved during the bingo night event. So far, PTH employees have raised over \$1,800. For more information contact Sharon Ciarlo at 376-1194. Ticket sellers are Yolanda Sanchez at 373-0585, Tonya Garberg at 373-9169, Linda Hindman at 373-2691, Randy Meaders at 373-9177, Linda Rudisill at 373-4759, Larry Johnson at 376-1426, Lynda Osborne at 372-8134 or Sharon Ciarlo at 376-1194.

#### **Library databases can improve your research**

Do-it-yourself literature searching is a snap with databases provided by the Hanford Technical Library directly to the desktop. Discover how the full-text IEEE/IEE Electronic Library, CompendexWeb and

INSPEC can improve your research at a demonstration by the library staff on Thursday, Oct. 24, from 12 to 1 p.m. in the Horse Heaven Room at 2400 Stevens. Contact Karen Buxton at 372-7451 or at karen.buxton@pnl.gov for more information.

#### **Seminar on contracting roadblocks offered Oct. 24**

The National Association of Purchasing Management - Columbia Basin is offering a satellite seminar, Contracting Roadblocks: Removing the Barriers, on Oct. 24 from 7 to 11 a.m. at the Washington State University Tri-Cities campus. The cost is \$20 for NAPM members and \$30 for nonmembers. For more information, contact John Fleming at johnny\_m\_john\_fleming@rl.gov.

#### **Nanotechnology presented at IEEE, ASME meeting**

A joint meeting of the local chapters of the Institute of Electrical and Electronics Engineers and the American Society of Mechanical Engineers on Oct. 24 at the Red Lion Hotel in Richland will feature An Overview of Recent Developments in Nanotechnology, presented by M. Meyyappan, director of the NASA Center for Nanotechnology. The social hour begins at 6 p.m., dinner is at 7 and the presentation is at 7:45. The cost is \$12 for IEEE or ASME members, \$22 for non-members and \$5 for full-time students. Make your reservation by contacting Matt Robinson at 371-4688 or at matt@asme.org before close of business on Oct 18.

#### **Nominate for ACHMM awards until Nov. 4**

The Academy of Certified Hazardous Materials Managers Eastern Washington Chapter is accepting nominations for its 2002 awards until Nov. 4. The awards are Hazardous Materials Manager of the Year, Young Certified Hazardous Materials Manager of the Year, Meritorious Achievement Award for the Eastern Washington Chapter, Excellence in Hazardous Materials Management, Eastern Washington Chapter Outstanding Service, Eastern Washington Chapter Membership and Eastern Washington Chapter President's Award.

The purpose of these awards is to recognize CHMM members as well as non-members, hazardous materials professionals and teams in the community for

*Features continued on next page.*



## Regular Features

### CALENDAR continued

outstanding achievements in the field of hazardous materials management.

Visit <http://users.owt.com/ewcachmm/> to download nomination forms and award profiles. Submit nominations by mail to either the chapter's office at 1370 Jadwin Avenue, Suite 113, Richland, WA 99352, or to Bruce Vesper (H0-26), Bechtel Hanford, Inc., 3350 George Washington Way, Richland, WA 99352. CHMMs, non-members, companies and agencies that are involved in the management of hazardous materials are encouraged to submit nominations.

Awards will be presented at the Eastern Washington Chapter's Christmas dinner meeting on Dec. 12.

Contact Bruce Vesper at 372-9204 (6 a.m. to 3:30 p.m.) or Rampur Viswanath at 376-9223 for additional information.

#### **National Association of Purchasing Management**

The NAPM Columbia Basin chapter meeting on Thursday, Nov. 7, at the Richland Shilo Inn will feature speakers John Hall and Julie Waddoups, who will speak on the management, shipment and future of hazardous waste. The meeting begins at 5 p.m. The cost is \$17.50. Contact Hank English at [weyman.h.english@wgint.com](mailto:weyman.h.english@wgint.com) for more information.

#### **Native American heritage events for November**

November is Native American Heritage Month and the Columbia River Professional Chapter of American Indian Science and Engineering Society is organizing a number of community events to promulgate Native American awareness. The events include a Native American speaker, traditional food tasting, story telling, flint knapping and Native American artifact displays. The AISES-CRC and 3 River's Running Club will sponsored a 5-kilometer cross-country race on Sunday, Nov. 3, at 1 p.m. at the Big Cross race course in Pasco (near Argent and Road 44). A blanket from the Pendleton Woolen Mill will be raffled at the end of the month. The blanket can be seen on display at the various

events. Raffle tickets will go on sale Nov. 1, and will be available at all AISES-CRC Native American Heritage Month events or from any AISES-CRC member. More information will be published in future issues of the *Hanford Reach*. You may also contact D. R. Miles, president of AISES-CRC, via email at [dr.miles@aisescrc.org](mailto:dr.miles@aisescrc.org). ♦



#### **PLEASE MAIL YOUR TICKET REQUESTS TO THE APPROPRIATE LISTED TICKET SELLER**

— It saves the ticket sellers' time and your tickets will be sent to you the same day. Do not combine the charge for tickets to two different events on the same check. If you do, it will be returned.

**HRA** — Questions about the Hanford Recreation Association should be directed to Denise Prior at 376-2258.

**HRA DISCOUNTS** — Log on to <http://apweb02.rl.gov/hrd/> to find the new discounts.

**HERO POLICY FOR NSF CHECKS** — Associated non-sufficient fund bank fees will be passed on to check issuers. HERO will not absorb the cost.

**TRI-CITY AMERICAN HOCKEY TICKETS** — \$10 for adults, \$7 for students with ASB cards, children ages 3 to 12 and adults 62 and over. Send checks to Linda Meigs (H3-12) or Tricia Poland (T5-04).

**DISCOUNTED MOVIE TICKETS** — Limit now 10 per purchase. Carmike tickets are \$5 each with restrictions applying only to Sony DDS movies. Regal tickets are \$5 each and applicable restrictions are identified in the *Tri-City Herald* with a star. Yakima Mercy tickets are \$5 each with no restrictions. Regal and Carmike tickets are valid in Seattle and Spokane as well as the Tri-Cities. For Regal or Carmike tickets, send checks (no cash) made payable to HERO to Linda Meigs (H3-12), Linda Sheehan (T4-40), Nancy Zeuge (X3-74), Michelle Brown-Palmore (A7-51), Ginny Wallace (S7-03) or Patti Boothe (T6-04). Sunnyside Movie Theater is now offering tickets for two admissions for one show, for \$9.50 with no show restrictions. These tickets are also good for Ellensburg and Walla Walla. For Yakima Mercy or Sunnyside tickets, send checks (no cash) to Nancy Zeuge (X3-74), Jim Hopfinger (S7-39) or Tricia Poland (T5-04).

*Features continued on next page.*



# Regular Features



**H**.anford **E**.mployee **R**.ecreation **O**.rganization

**2003 ENTERTAINMENT BOOKS ARE AVAILABLE** — The book offers 50-percent-off discounts on restaurants, hotels, attractions, merchandise and services, and national values featuring best-known names in retail, travel, cruises, car rentals and airfare for Kennewick, Pasco, Richland, Cheney, Coeur d' Alene, Lewiston, Post Falls, Prosser, Sandpoint and Spokane. Mail your \$30 check, payable to HERO, to Marvene McChesney(T4-61.)

**CHRISTMAS CATALOGS** — The Christmas catalogs are available to order Christmas cards. Send an e-mail message to Marvene McChesney to check a book out.

**HOLIDAY SHOPPING WEEKENDS** — Nov. 22-23. The cost is \$80 ppdo, which includes hotel, taxes, bus ride, snacks on bus and breakfast on Nov. 23. Start your Holiday Shopping in Bellevue. We will leave the Federal Building on Friday (which is our Friday off) at 7 a.m. and arrive at the Bellevue Inn in downtown Bellevue, which is close to Bellevue Square, the surrounding shops, restaurants and theaters. We leave Bellevue Inn on Saturday at noon to return to Richland. A \$25 (non-refundable) deposit is required to reserve your space. The balance will be due by Nov. 18. Only one bus will be going, so get deposits in early. Contact Sheila Kirk to sign up.

**HOLIDAY IN LIGHTS CRUISE** — Dec.14-15. Price is \$110 ppdo. Join us for the "Holiday in Lights Show" cruise on Lake Coeur d' Alene. We will board the boat at 4 p.m. The one-hour cruise begins at 4:30. We will be staying at the Coeur d' Alene Resort. Room assignments are all subject to availability. The resort provides a Sunday breakfast voucher for \$10, which includes gratuity and tax. You may use the voucher toward a full Sunday brunch available for \$21.95 plus tax and gratuity. We will leave the Federal Bldg. parking lot at 7 a.m. and travel to the Valley Mall in Spokane for shopping. We will leave the mall at 2 p.m. and travel to Coeur d' Alene for our 3 p.m. check-in. We will leave the resort at noon on Sunday and return to Richland. A \$25-per-person, non-refundable deposit is required to reserve your space. The balance is due by Nov. 30. Only two buses will be going, so get your deposits in early. Contact Marvene McChesney at T4-61.

**HERO-SPONSORED CHRISTMAS PARTY** — Mark your calendar for Dec. 20. We have a fabulous evening planned at the WestCoast Hotel in Pasco, with the incredible band "Men in the Making," lots of great door prizes, dancing and a wonderful buffet dinner. Price is only \$25 per person. The no-host bar opens at 6 pm, dinner is at 7 and dancing is

from 8 until midnight. A photographer will be available. Rooms will be available at the WestCoast Hotel in Pasco at a holiday rate of \$55 (or \$65 including breakfast off the menu). Tickets are available from Nancy Zeuge (X3-74), Sheila Kirk (T4-04), Linda Meigs (H2-12), Tricia Poland (T5-04), Nancie Simon (R2-80) and Jim Hopfinger (S7-39).

## UPCOMING TRIPS

- **Lake Tahoe Ski Trip** — Feb. 23-March 1. The cost is \$899 ppdo, and includes round-trip air from Pasco to Reno, six nights at Harvey's Resort and Casino with portage. Round-trip transportation is available from Reno to South Lake Tahoe, including driver tip. Lift tickets are for one day of skiing at each of the following locations: Heavenly, Kirkwood, Sierra at Tahoe with bus transportation, and Alpine Meadows with bus transportation. A deposit of \$200 pp is due as soon as possible. Space is limited. E-mail Sheila Kirk for information.
- **Spring Break Eastern Caribbean Cruise** — Limited cabins are available. April 5-12. We sail on the Royal Caribbean ship Explorer of the Seas from Miami to Puerto Rico, St. Maarten, St. Thomas and the Bahamas. Prices range from \$790 to \$1,080 per person (based on double occupancy). Deposits are due in October and November. Taxes, transfers and airfare are additional. E-mail Linda Meigs if you're interested.
- **Ski Park City** — Jan. 26-Feb. 1. Round-trip air from Pasco to Salt Lake City, six nights of deluxe accommodations at the Best Western Landmark Inn with daily continental breakfast; daily après ski get-togethers; portage at the hotel and one-day lift tickets (additional) to Park City, the Canyons, Deer Valley, and Snowbasin; transfers; free local shuttle to town and the main three ski resorts and a blow-out reception or farewell. The price is approximately \$670 ppdo without lift tickets; lift tickets are approximately \$200 extra for all four days of skiing. Tours are offered and luge rides may be a possibility for about \$75 pp. Deposit of \$200 pp is due as soon as possible, with final payments due Nov. 22. E-mail Linda Meigs today.
- **California Odyssey** — April 21-27. Join HERO on a California Odyssey. The first three nights will be in Monterey at the Doubletree Hotel, located at the waterfront. Visit Fisherman's Wharf, tour the Carmel Mission and explore the Monterey Bay Aquarium. Then we will spend two nights at the ocean-front Best Western Cavalier Hotel; dinner is included for one night. We will visit the Piedras Blancas Light-

*Features continued on next page.*



## Regular Features



### Employee Activities

## H.E.R.O.

continued

house, Hearst Castle, and dine in the famous Eberle Winery wine caves. Next is a day of wine tasting through the Salinas Valley, to Old Mission San Juan Bautista, continuing to the Biltmore Hotel and Suites in San Jose. The Rosicrucian Egyptian Museum and the Winchester House are two of our stops in San Jose. The price is \$1,398, which includes round-trip airfare from Pasco to San Jose, guided tour, hotel, and transfers. A \$200 deposit is due by Dec. 1 to reserve your spot. For more information e-mail Nancie Simon.

- **Indy 500** — May 22-27. Join us for a six-day, five-night trip to Indianapolis. We will be staying at the Hampton Inn downtown. We will go to the 500 Festival Memorial on Friday, May 23, and attend the 500 Festival Parade on Saturday, May 24. We will be transported to the Speedway on Sunday, May 25. There are no scheduled activities on Monday, May 26, and we'll come home on Tuesday, May 27. The cost is \$950 ppdo land only, and flights will be arranged after December. A \$250 deposit is due by Dec. 1 and the remaining balance is due by Feb. 28. For more information, contact Tricia Poland (T5-04).

- **Vacation of a Lifetime** — Sept. 21-29, 2003. The price is approximately \$2,100. depending on airfare. Tour the French Riviera, Italian Riviera, Monaco, St. Tropez, Cannes, Grasse, and Nice. We will fly roundtrip from Pasco. We only have to unpack once as we will be staying in Nice and taking day trips to all the other exciting places. There will be free time to do your own exploring. Included are seven breakfasts and five dinners. Start saving now for an exciting adventure. E-mail Nancie Simon R2-80 for more information.

- **Cruise the Pacific Northwest** — Oct. 10-13, 2003. The Royal Caribbean Cruise Line will take you roundtrip from Seattle to Vancouver, Canada. This trip is a great way to sample cruising or just have a perfect getaway. Board the ship in Seattle in the afternoon on Friday, Oct. 10, and arrive back in Seattle Monday morning, Oct. 13. Rates start at \$390 per person, based on double occupancy, plus port charges of \$89 and taxes of \$22. The price includes all meals and entertainment on board. Deposits (\$50 per person) are due by March 31. Final payment is due Aug. 1. Contact Tricia Poland (T5-04) for more information.

- **Disney World/Disney Cruise** — Oct. 19-26, 2003. The price ranges from \$1,302 to \$1,852 ppdo, depending on the type of room you want. The price includes round-trip airfare from Pasco, four days in Walt Disney World with entrance into all the parks, a three-day cruise to the Bahamas and Castaway Cay (Disney's private island), taxes and transfers. This trip isn't due to go until next year, but don't wait to send in a \$250 per person deposit to hold your spot. Contact Sheila Kirk for more information. ♦



## VANPOOLS

Vanpool ads are run for two weeks. Ads must be resubmitted to run in subsequent issues of the *Hanford Reach*. The deadline for submission is Thursday, 10 days prior to publication.

Day and Zimmermann Protection Technology Hanford reminds employees to wear their badges. Vanpool and carpool drivers are responsible for ensuring their passengers are badged. If a passenger forgets his or her security badge, access is denied at the barricade. The individual is required to go to a badging station for a temporary badge or go home to retrieve the badge.

### KENNEWICK

Winter is coming and construction activities will pick up. Vanpool No. 109 needs riders from Kennewick to 200 East (including 2704-HV). 8x9 schedule. The route starts in south Kennewick near 27th and Ely, goes to Columbia Center Blvd by way of 10th, then to Richland with a stop at the Sun Mart on George Washington Way. The route ends at 2025-E (ETF). Contact **Bill Schneider** at 373-2991 or **Cliff Jones** at 373-3488. 10/21

Are you prepared for the winter? Join our 8x9 vanpool to 200E. Picks up at Chuck E. Cheese at 6:05 a.m. and the Federal Building at 6:10. Stops include 2750 area, 2719-EA, MO-414, WESF, 2704-HV and anywhere in between. Call **Bobbie** at 372-0031 or **Barb** at 373-2006. 10/14

### RICHLAND

Van No. 121 needs riders. Departs from Albertson's at Leslie and Gage at 6 a.m. Departs the bus lot at 6:15 and proceeds to 2750, then continues to 2704-HV and ends at MO-294. Contact **Mike** at 372-0150. 10/14

### YAKIMA

A new Yakima Transit-sponsored vanpool from Yakima to 400 Area, PNNL and the Federal Building needs additional riders beginning Nov. 1. The van operates five normal workdays per week. The van departs west Yakima near the vacant Montgomery Wards store parking lot (Nob Hill) at 5:30 a.m., picks up riders in the east Yakima/Moxee area at K-Mart, and then at 5:45 a.m. at the East Valley Market along the beginning of State Highway 24. The van will travel to the Hanford Site along SH-24. The van drops off riders at the 400 and 300 Areas, and ends at the Federal Building. On the return trip to Yakima, riders in the 300 Area will be picked up around 4 p.m. Contact **Doug Chapin** at 373-9396. 10/21 ♦